

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	64	pyruvate and antioxidant and lipid and ceruloplasmin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:48
L2	7	pyruvate and antioxidant and lipid and ceruloplasmin and cardioprotective	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:52
L3	16	pyruvate same antioxidant and lipid and ceruloplasmin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:56
L4	524	pyruvate and "vitamin E "and lipid and ceruloplasmin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:57
L5	7	pyruvate same "vitamin E " and lipid and ceruloplasmin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:57
L6	31	pyruvate and "vitamin E " and lipid and ceruloplasmin	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:57
L8	6	pyruvate and "vitamin E " and lipid and ceruloplasmin and "preserving agent"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/02/07 13:58

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
 STN Express with Discover!
 NEWS 4 OCT 28 KOREAPAT now available on STN
 NEWS 5 NOV 30 PHAR reloaded with additional data
 NEWS 6 DEC 01 LISA now available on STN
 NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
 NEWS 8 DEC 15 MEDLINE update schedule for December 2004
 NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
 NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
 NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
 NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
 February 2005
 NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian
 Agency for Patents and Trademarks (ROSPATENT)

 NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:09:05 ON 07 FEB 2005

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
 AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
 BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
 CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:09:23 ON 07 FEB 2005

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> pyruvate and antioxidant and lipid and ceruloplasmin

```
      2  FILE BIOSIS
      2  FILE CAPLUS
22 FILES SEARCHED...
      1  FILE EMBASE
33 FILES SEARCHED...
      1  FILE ESBIODBASE
      3  FILE IFIPAT
      1  FILE JICST-EPLUS
48 FILES SEARCHED...
      1  FILE MEDLINE
66 FILES SEARCHED...
      3  FILE TOXCENTER
     55  FILE USPATFULL
      4  FILE USPAT2
      2  FILE WPIDS
      2  FILE WPINDEX
```

12 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE PYRUVATE AND ANTIOXIDANT AND LIPID AND CERULOPLASMIN

=> file medline caplus biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.36	2.57

FILE 'MEDLINE' ENTERED AT 14:11:35 ON 07 FEB 2005

FILE 'CAPLUS' ENTERED AT 14:11:35 ON 07 FEB 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 14:11:35 ON 07 FEB 2005

Copyright (c) 2005 The Thomson Corporation.

=> pyruvate and antioxidant and lipid and ceruloplasmin

L2 5 PYRUVATE AND ANTIOXIDANT AND LIPID AND CERULOPLASMIN

=> du remove

L3 0 DU REMOVE

=> d ti 1-5

L3 HAS NO ANSWERS

'1-5 ' IS NOT A VALID SEARCH STATUS KEYWORD

Search status keywords:

NONE ---- Display only the number of postings.

STATUS -- Display statistics of the search.

ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:none

L3 0 SEA DU REMOVE

07/02/200514:13Print selected from Online session

=> pyruvate and antioxidant and lipid and ceruloplasmin

L4 5 PYRUVATE AND ANTIOXIDANT AND LIPID AND CERULOPLASMIN

=> dup remove

ENTER L# LIST OR (END):14

PROCESSING COMPLETED FOR L4

L5 5 DUP REMOVE L4 (0 DUPLICATES REMOVED)

=> d ti 1-5

L5 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI **Ceruloplasmin** and an **antioxidant** composition
comprising the same and their uses as neuroprotective agent.

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Ceruloplasmin** and an **antioxidant** composition
comprising the same and their uses as neuroprotective agent

L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Cardioprotective composition comprising **ceruloplasmin** and uses
thereof

L5 ANSWER 4 OF 5 MEDLINE on STN
TI Free radical, **lipid** peroxide and **antioxidant** in
mitochondrial encephalomyopathy.

L5 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI HIGH LEVELS OF PLASMA **LIPID** PEROXIDES IN IRRADIATION DISEASE AND
HEPATIC INSUFFICIENCY.

=> d ab bib 1-5

L5 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
AB A neuroprotective composition for protecting neuronal cells against
oxidative stress and methods for using and preparing the same. More
particularly, the neuroprotective composition of the invention comprises a
therapeutically effective amount of **ceruloplasmin** or a
functional derivative thereof. The neuroprotective composition is
characterized in that it protects neuronal cells from reactive oxygen
species such as O_2^- and OH^\cdot . In a preferred embodiment, the
neuroprotective composition further comprises an **antioxidant**
consisting of catalase or of an amphiphilic physiological antioxidative
solution comprising a mixture of **pyruvate**, **antioxidant**
, and **lipid(s)** such as fatty acids. The neuroprotective
composition could be used for the treatment of brain trauma, brain or
cerebrovascular ischemia, neurodegenerative diseases, poisoning of
neuronal cells, the diminution of drugs side effects and for preservation
of neuronal grafts.

AN 2004:383122 BIOSIS

DN PREV200400388123

TI **Ceruloplasmin** and an **antioxidant** composition
comprising the same and their uses as neuroprotective agent.

AU Paquin, Joanne [Inventor, Reprint Author]; Mateescu, Mircea-Alexandru
[Inventor]; De Grandpre, Eric [Inventor]

CS Montreal, Canada

ASSIGNEE: Warner-Lambert Company LLC

PI US 6780842 August 24, 2004

SO Official Gazette of the United States Patent and Trademark Office Patents,

(Aug 24 2004) Vol. 1285, No. 4. <http://www.uspto.gov/web/menu/patdata.html>
 . e-file.

ISSN: 0098-1133 (ISSN print).

DT Patent

LA English

ED Entered STN: 29 Sep 2004

Last Updated on STN: 29 Sep 2004

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

AB Disclosed are a neuroprotective composition for protecting neuronal cells against oxidative stress and methods for using and preparing the same. More particularly, the neuroprotective composition of the invention comprises a therapeutically effective amount of **ceruloplasmin** or a functional derivative thereof. The neuroprotective composition is characterized in that

it

protects neuronal cells from reactive oxygen species such as $\cdot\text{O}_2$ - and $\cdot\text{OH}$. In a preferred embodiment, the neuroprotective composition further comprises an **antioxidant** consisting of catalase or of an amphiphilic physiol. antioxidative solution comprising a mixture of **pyruvate**, **antioxidant**, and **lipid(s)** such as fatty acids. The neuroprotective composition could be used for the treatment of brain trauma, brain or cerebrovascular ischemia, neurodegenerative diseases, poisoning of neuronal cells, the diminution of drugs side effects and for preservation of neuronal grafts.

AN 2000:814335 CAPLUS

DN 133:344634

TI **Ceruloplasmin** and an **antioxidant** composition

comprising the same and their uses as neuroprotective agent

IN Paquin, Joanne; Mateescu, Mircea-Alexandru; De Grandpre, Eric

PA Gestilab, Inc., Can.

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000067782	A2	20001116	WO 2000-CA529	20000505
	WO 2000067782	A3	20010322		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2270853	AA	20001105	CA 1999-2270853	19990505
	CA 2373058	AA	20001116	CA 2000-2373058	20000505
	EP 1176977	A2	20020206	EP 2000-926611	20000505
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	NZ 515933	A	20040227	NZ 2000-515933	20000505
	US 2002094949	A1	20020718	US 2001-12730	20011105
	US 6780842	B2	20040824		
PRAI	CA 1999-2270853	A	19990505		
	WO 2000-CA529	W	20000505		

L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

AB Disclosed are a cardioprotective composition for protecting heart against oxidative stress and methods for using and preparing the same. More particularly, the cardioprotective composition of the invention comprises a mixture of **pyruvate**, **antioxidant**, fatty acids and **ceruloplasmin**. The cardioprotective composition could be used for the treatment of heart attack/failure, the treatment of ischemic cardiopathy, the conservation of heart before and during transplantation, and the treatment heart oxidative stress related conditions.

AN 2000:814334 CAPLUS

DN 133:344624

TI Cardioprotective composition comprising **ceruloplasmin** and uses thereof

IN Mateescu, Mircea-alexandru; Paquin, Joanne; Langlois, Denis; Aouffen, Mhamed

PA Gestilab Inc., Can.

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000067781	A1	20001116	WO 2000-CA528	20000505	
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	CA 2271192	AA	20001105	CA 1999-2271192	19990505	
	CA 2373054	AA	20001116	CA 2000-2373054	20000505	
	EP 1181049	A1	20020227	EP 2000-926610	20000505	
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
	NZ 515932	A	20031128	NZ 2000-515932	20000505	
	US 2003166511	A1	20030904	US 2001-21691	20011105	
PRAI	CA 1999-2271192	A	19990505			
	WO 2000-CA528	W	20000505			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 5 MEDLINE on STN

AB We studied free radical, **lipid peroxide** (LPO) and **antioxidant** levels of blood in three cases with mitochondrial encephalomyopathy. Case 1 was a 17-year-old man with MELAS. Serum vitamin E levels were decreased and LPO levels were increased after stroke-like episodes in case 1. Case 2 was a 68-year-old woman with MELAS and a maternal elder aunt of case 1. She showed an elevated serum LPO levels (6.58 nmol/ml) in the absence of stroke-like episode and serum CoQ10 level was 0.54 microgram/ml before therapy. By CoQ10, idebenone and tocopherol nicotinate therapy, serum LPO levels decreased gradually in parallel with the decrease of lactate and **pyruvate** levels. Free radicals were measured in case 2 and controls by spin trapping method. Hydroxyl radical and C center radical were increased and H radical was normal in blood. But these free radicals in serum were all normal. Her

serum **antioxidants** revealed an elevated percent inhibition of SOD and a decreased transfferin level. Case 3 was a 52-year-old woman with MERRF. She showed an elevation of serum LPO (12.8 nmol/ml). Her serum **antioxidants** revealed an elevated vitamin E and **ceruloplasmin** levels and percent inhibition of SOD.

AN 95043748 MEDLINE

DN PubMed ID: 7955720

TI Free radical, **lipid** peroxide and **antioxidant** in mitochondrial encephalomyopathy.

AU Ihara Y; Hayabara T; Namba R; Nobukuni K; Mori A

CS Clinical Research Institute, National Minamiokayama Hospital.

SO Rinsho shinkeigaku. Clinical neurology, (1994 Jun) 34 (6) 593-5.

Journal code: 0417466. ISSN: 0009-918X.

CY Japan

DT (CASE REPORTS)

Journal; Article; (JOURNAL ARTICLE)

LA Japanese

FS Priority Journals

EM 199412

ED Entered STN: 19950110

Last Updated on STN: 19950110

Entered Medline: 19941214

L5 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AB Increased concentrations of **lipid** peroxides in the blood and liver were found following acute experimental irradiation of rats, but only after lethal doses. This increase follows the same directions as the higher level of **pyruvate** transaminase and decreased concentration of **ceruloplasmin**, suggesting a liver damage. On the other hand, a high plasma level of peroxides was observed in patients with acute hepatic insufficiency. The level of peroxides does not increase in chronic hepatic disease due to the efficiency of protective **antioxidant** systems. The presence of high levels of peroxides evidently indicates an extensive cellular lysis with destruction of membranes, concomitant release of unsaturated fatty acids and their peroxidation.

AN 1985:299676 BIOSIS

DN PREV198579079672; BA79:79672

TI HIGH LEVELS OF PLASMA **LIPID** PEROXIDES IN IRRADIATION DISEASE AND HEPATIC INSUFFICIENCY.

AU OLINESCU R [Reprint author]; ALEXANDRESCU R; NITA S; PAUN L

CS DEP RADIOBIOLOGY, "FUNDENI" CLINICAL HOSPITAL, BUCHAREST, ROM

SO Revue Roumaine de Biochimie, (1984) Vol. 21, No. 4, pp. 303-308.

CODEN: RRBCAD. ISSN: 0001-4214.

DT Article

FS BA

LA ENGLISH